



Dark Energy Survey (DES) DECam Project Working Group Meeting

June 22, 2007

10:00 - 12:00 Noon

Snake Pit

Agenda

- 1) HQ Interactions: Feedback on Discussions with Headquarters [Kathy Turner / Hugh Montgomery/John Peoples/Brenna Flaugher]
 - a) Follow-up from the DOE/NSF CD-1 Review [Kathy Turner / John Peoples]
 - b) Report of the DOE CD-1 Review Committee [John Peoples / Brenna Flaugher]
 - c) JOG Discussions [Kathy Turner / John Peoples]
- 2) Status Update
 - a) DECam Progress Highlights [15 m; Brenna Flaugher]
 - b) Plans and Activities for Supporting a DECam CD-2 Review [time as needed; Wyatt Merritt]
 - c) Status/Plans/Progress Update on DECam CD-2 Documentation, MOUs, [time as needed; Wyatt Merritt]
- 3) CD-2 Requirements [Ed Temple / Dean Hoffer as needed]
- 4) Review Timeline [Dean Hoffer]
- 5) Next Meeting [Dean Hoffer]

DOE O 413.3 Critical Decision Table



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CD-2 and CD-3 Review Criteria

(Excerpt from DOE M 413.3-1 (3-28-03))

Performance Baseline Review (CD-2)	Construction or Execution Readiness Review (CD-3)
Key review elements for a Performance Baseline Review are:	Key review elements for a Construction or Execution Readiness
- System Functions and Requirements	Review are:
- Preliminary Design and Design Review	- Final Design Functions and Requirements/Site Final
- Work Breakdown Structure	Design Review
- Resource Loaded Schedule	- Final Drawings and Specifications
- Total Project Cost and Project Schedule	- Construction/Execution Planning
- Risk Management	- Resource Loaded Schedule
- Project Execution Plan	- Risk Management
- Acquisition Strategy	- Project Execution Plan
- Integrated Project Team	- Acquisition Strategy
- Hazards Analysis	- Integrated Project Team
- Value Management/Engineering	- Value Management/Engineering
- Project Controls/Earned Value Management System	- Project Controls/Earned Value Management System
The following documents are to available and assessed:	The following documents are to available and assessed:
- System Functions and Requirements Document (also	- System Functions and Requirements Document
referred to as the "Design-to" requirements or Design	- Final Design Drawings and Specifications
Criteria)	- Results of and Responses to Site Final Design Review
- Results of and Responses to Site Preliminary Design	- Construction Planning Document
Review	- Detailed Resource Loaded Schedule
- Detailed Resource Loaded Schedule	- Detailed Cost Estimate
- Detailed Cost Estimate	- Risk Management Assessment
- Risk Management Assessment	- Project Execution Plan
- Project Execution Plan	- Acquisition Strategy
- Acquisition Strategy	- Safety Documentation
- Hazards Analysis	
- Preliminary Safety Analysis Document	

DOE O 413.3A CD-2 Prerequisites Met

- Performance Baseline
- Project Execution Plan
- Earned Value Management System
- Performance Baseline Validation
- External Independent Review
- Independent Cost Estimate
- Quality Assurance Program
- Preliminary Design
- Project Data Sheet
- Design Review

- ✓ Preliminary Safety Design Report
- Hazard Analysis Report
- Preliminary Security Vulnerability
 Assessment Report
- Preliminary Safety Evaluation Report
- Sustainability Report (LEED Certification)
- National Environmental Policy Act Documentation – FONSI approved 1/29/07

CD2 ESAAB folder on the SharePoint Site https://spteams1.pnl.gov/sites/crl/Web/ESAAB.aspx





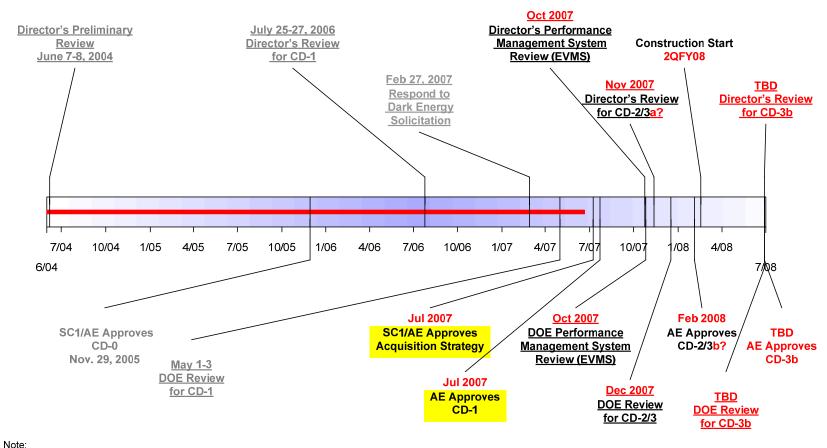




Dark Energy Survey - DECam Project Draft Timeline for Critical Decisions & Reviews



Updated 21-Jun-07



note.

Items marked in Red indicates change from prior version